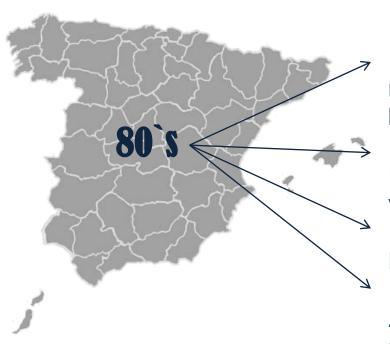
Infrastructures "made in Spain" California, June 2011



>> Spain in the 80 s



Reduced highway **network** (1,242 miles). Unconnected and with multiple bottlenecks.

Few double track **railways** (20%) and very limited speed.

Low quality **urban transport**.

Airport network development needed to meet the tourism "boom".

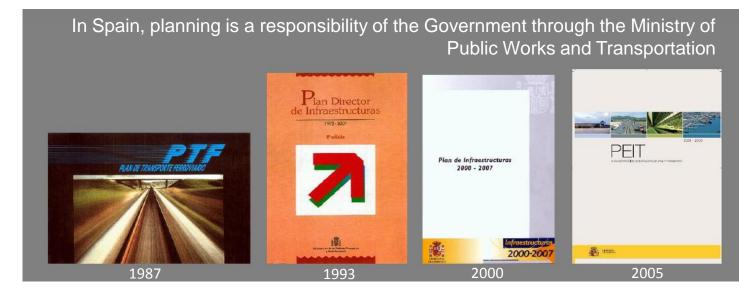


>> transport policy

- Long term policy and focus on intermodal transport.
- High investments (1980-2009).

1.5% average of GDP Private-public financing

- Creation of public entities with capacity for debt (Adif, Renfe Operadora and Aena)
- Qualified professionals and solid industrial base.





>> main guidelines

- Promote intermodality and distribution of demands to diminish bottlenecks.
- More sustainable ways for transportation (railway).
- Better conectivity and territorial accesibility.
- Safety as a priority.
- Improve transport flows towards other countries and regions (Europe, Latam).

> Main Targets

Social integration

Territorial integration

Economic development and competitiveness

Sustainability of the system



>> Roads

- The largest high capacity network in Europe (9,320 mi.)
- More resources applied for maintenance (2%/year of road network asset value).
- City access improved. Land preserved for future developments.
- Strong support of public-private partnerships.
- Efficient traffic and infrastructure management systems.





>> Airports

 Airport capacity increase to handle up to 300 million passengers/year.
Capable to absorb future demand.

 Amongst top airport operators (navigation support systems, handling services, etc.)

Average growth per passenger 2000-2010 = 4.3% (2% above European average)





>> Ports

- Port capacity increased to handle the growth of cargo traffic.
- Better land access with roads and railways.
- Water traffic development.





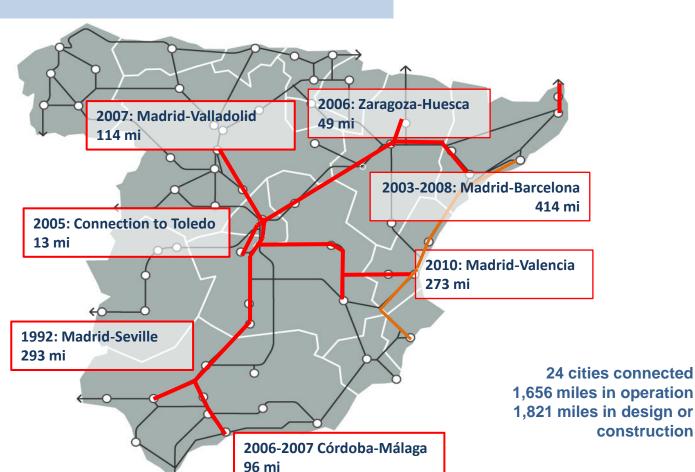
>> High Speed Network 2010

Interoperability with Europe

Yearly increases of passenger demand

Highest safety standards and quality services





>> Railways

A global leader:

In 2011, Spain will have 1656 mi. of HS lines in commercial operation, and 1821 mi. under study, design and construction.

Longest HSL in the world:

Barcelona-Madrid- Málaga = 696.5 mi.

Speed achievement in:

Lines that allow, in 90% of the route, speeds of at least 186 mph Record achieved in a commercial standard line: 218 mph.

Leaders in train punctuality:

98.5%, second in the world.

Safety and comfort.

0 Accidents

96% customer satisfaction

Cost and construction efficiency

Lower cost per line in Europe 24.15 mill. €/mi.

4 years overall time from construction to operation

Innovative solutions and technologies

At the forefront of interoperatibility and industrial developments





>> Spanish High Speed

Spain, with more than 25 years of experience in high speed, has been able to develop high technology integrating both national and international high speed developments:

- Track
- Signalling
- Electrification
- Detection systems
- Communication
- Control Centers
- Rolling stock

Integration of different technologies





>> Spain today

 Very solid industrial sector with a vast experience in complex transport developments.

 Engineering, construction companies and related industries are placed within the main export sectors

nowadays.

7 out of 10 largest world concessionaries in transport infrastructure are Spanish



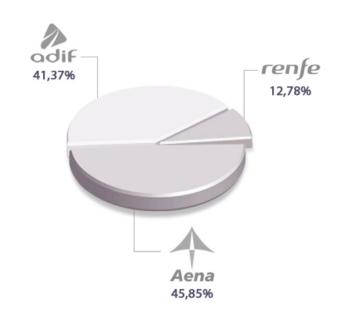


>> Spanish High Speed

The difficult orography has enable Spanish companies to acquire a vast experience building tunnels and viaducts. These have become a worldwide example of undercost construction and time efficiency.



- Ineco is a transport engineering and consultancy company integrated in the Spanish Ministry of Transport.
- It has been at the forefront of transport development in Spain for more than 40 years.







- More than 3,300 professionals with experience in all transport activities: aeronautics, railways, roads and urban transport.
- All-round solutions based in the most advanced systems and implementation of innovative and advanced technologies.







>> Designing ideas, developing high speed

- Ineco has been participating not only in the planning and design stages but also in the development, operation and maintenance of the most important high-speed lines across Spain.
- Innovative solutions that apply leadingedge technologies and the most advanced systems, together with custom developments.



Ineco has participated in the main high speed lines:

in service: 1,656 miles

planned and/or under construction: 1,821 miles





Range of global services: from the conception and planning to operational readiness

Planning: feasibility, demand, profitability, market, start-up operation, strategic and management studies.

Engineering: informative, functional and environmental assessment studies, preliminary plan, basic and construction projects, project coordination and supervision.

Works: execution monitoring and surveillance, site management and supervision, supply management, environmental monitoring and surveillance.

Comissioning: operation support, self-protection plans and system operators.

Maintenance: standardisation of built projects, planning, maintenance follow-up and control.





>> Spanish capabilities

Spanish companies have reached a very high and competitive technological level providing knowledge, equipment components, civil works and high speed services:

- Prestigious international consulting and engineering companies.
- Extensive construction experience.
- Experience in designing, manufacturing, providing and maintaining AVE technologies.
- Development of rolling stock procurement systems based on different competing suppliers.
- Ample experience in the management of rail services and systems integration.
- The reliability of all processes that make up a high-quality customer service.
- Important investment budgets in research and development by the industry.



Infrastructures "made in Spain"



"Spain, the ideal partner for infrastructure development"

